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 01/10/2015 14:16:00
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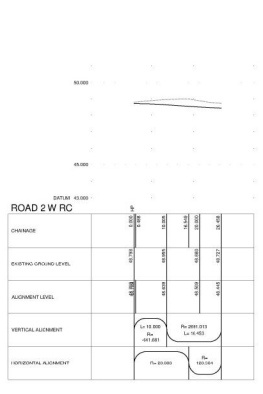
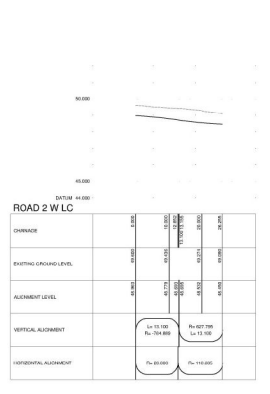
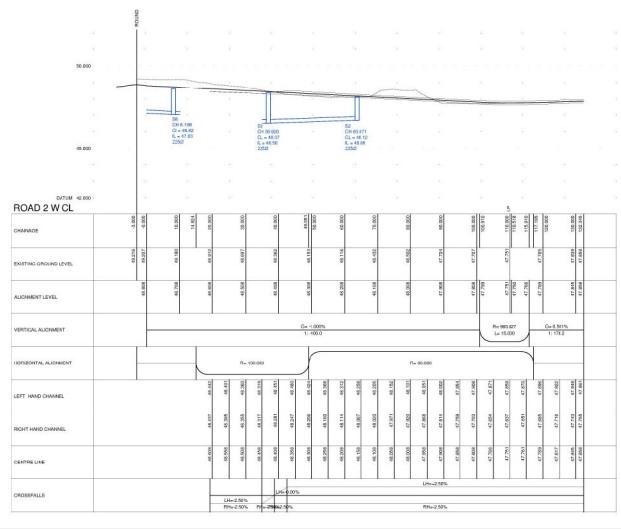
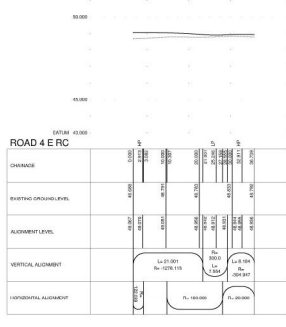
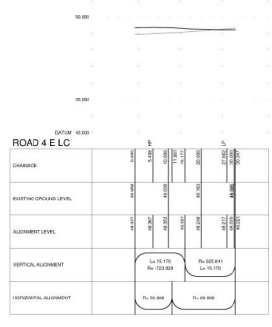
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- All dimensions are in meters unless otherwise stated.
- Unless otherwise stated, all levels are based on the datum shown on the drawing. It should be understood that all drawings issued are preliminary and not for construction.
- All levels to be confirmed on site prior to construction, wherever full horizontal curves & drainage levels survey information and current existing services plans & maps.
- Existing manhole invert levels are to be checked prior to commencing construction.
- All works to be in accordance with the North Yorkshire County Council Specification for Road and Local Authority Roads and Private Street Works second edition.

DATE VALID
 23/12/15

Project: JN1125-NWK-1006
 Sheet: P1

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 - All dimensions are in meters unless otherwise stated.
 - Until detailed approval has been obtained from the relevant authority, it should be understood that all drawings issued are preliminary and not for construction.
 - All levels to be confirmed on site prior to construction. Existing level topographic survey & drainage levels survey information and current existing ground levels to be checked prior to construction.
 - Existing manhole invert levels are to be checked prior to commencing construction.

No.	Revisions	Date	By

MTmorgan tucker
CONSULTANTS

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Tel: 01636 650100 Fax: 01636 651796
E-Mail: info@morgantucker.co.uk
www.morgantucker.co.uk

Drawn by: Taylor Wintop
Checked by: Development of Brighton Road
Barton
North Yorkshire

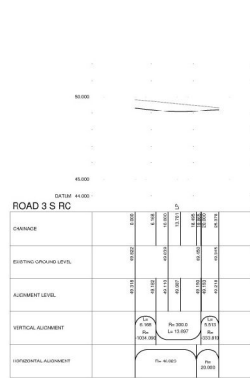
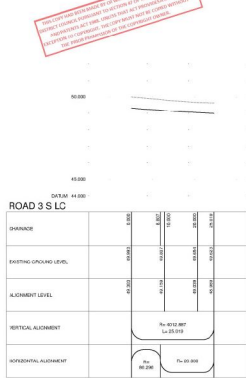
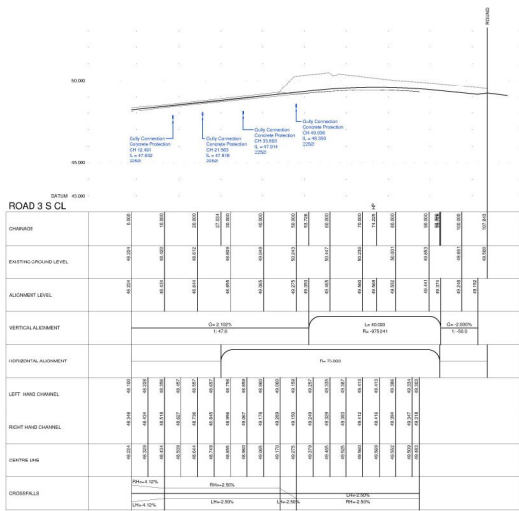
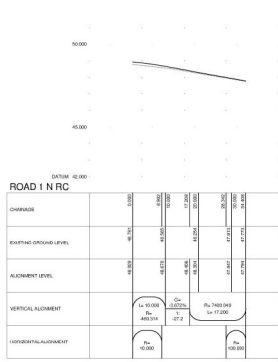
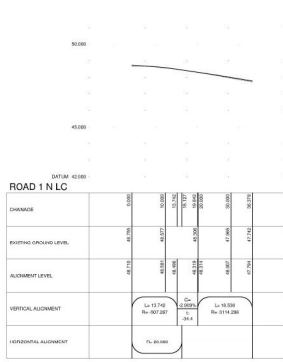
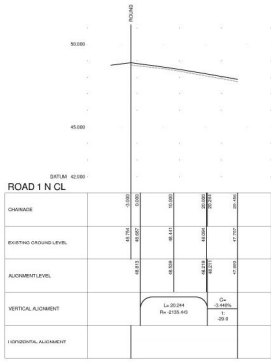
Project: Long Sledmere
Sheet: 2 of 4
(Sheet 2 of 4)

Date: November 2015
Scale: As Shown
Project No: 15002-01-100

Author: JN1125-NWK-1007

DATE VALID 23/12/15

P1



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 - All dimensions are in meters unless otherwise stated.
 - Unless technical approval has been obtained from the relevant authority, it should be considered that all drawings issued are preliminary and not for construction.
 - All levels to be confirmed on site prior to construction, following full topographical survey & drainage levels survey information and current existing drainage plans & maps.
 - Existing manhole invert levels are to be checked prior to commencing construction.
 - All works to be in accordance with the North Yorkshire County Council Specification for Highway and Local Road Works and Private Street Works General Submittal.

No.	Revision	Date	By

MTmorgan tucker
CONSULTING ENGINEERS

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Tel: 01636 670 340 Fax: 01636 670 796
E-Mail: info@morgantucker.co.uk
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Prepared by: Taylor Wintop

Checked by: Development of Broughton Road
Barnby
North Yorkshire

Project: Long Sledmire
Sheet: 1 of 4
(Check: 1 of 2)

Date: November 2015
Scale: As Shown
Revision: 1 of 1

Project: Barnby

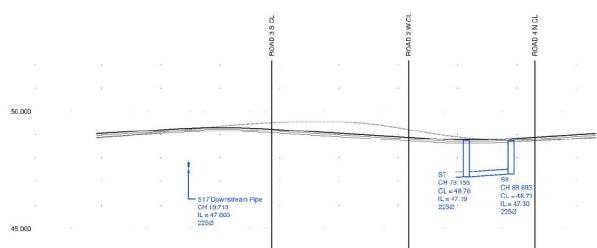
Drawn: JN1125-NWK-1008

DATE VALID 23/12/15

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DATUM 43.000
ROUNDABOT

CHAINAGE	C.000	
EXISTING GROUND LEVEL	48.870	48.870
ALIGNMENT LEVEL	48.832	48.832
VERTICAL ALIGNMENT	Cx=1.180% 1.54.0	
HORIZONTAL ALIGNMENT	R=17.000 L=20.000 R=448.338 Cx=-1.180% 1.44.0	
LEFT HAND CHANNEL	48.967	48.967
RIGHT HAND CHANNEL	48.892	48.892
CENTRE LINE	48.915	48.915
CROSSFALLS	LH=-2.50% RH=2.50%	



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 3. All dimensions are in meters unless otherwise stated.
 4. Unless technical approval has been obtained from the relevant authority, it should be understood that all drawings issued are preliminary and not for construction.
 5. All levels to be confirmed on site prior to construction following full topographical survey & drainage levels survey information and current existing services plans & maps.
 6. Existing manhole invert levels are to be checked prior to commencing construction.
 7. All works to be in accordance with the North Yorkshire County Council Specification for Housing and Industrial Estate Roads and Private Street Works Second edition.

Rev	Amendment	Date	By

MT morgan tuckler
 consulting engineers

65 Northgate, Newark, Nottinghamshire, NG24 1HD
 Tel: 01636 310 766 Fax: 01636 610 766
 E Mail: info@morgantuckler.co.uk
 www.morgantuckler.co.uk

Client: Taylor Wimpey

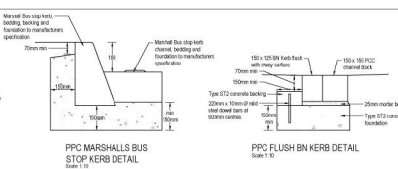
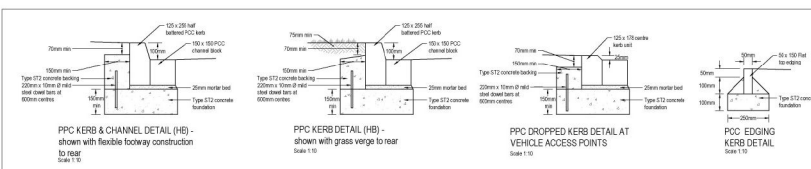
Project: Development off Broughton Road
 Metton
 North Yorkshire

Drawings: Long Sections
 Sheet 4 of 4
 (Roundabout)

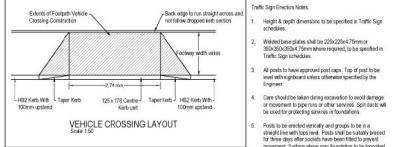
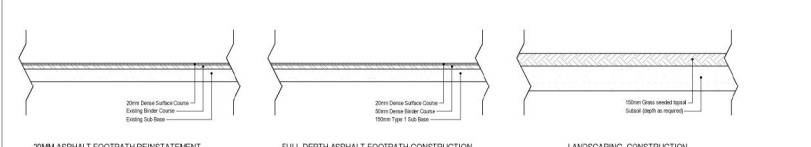
Client	Drawn By	Checked By	Approved By

Date: November 2015
 Scale: 1:500
 Project: Freshwary
 Drawing: JN1425-JWK-1009
 Page: P1

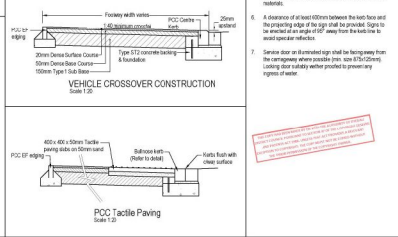
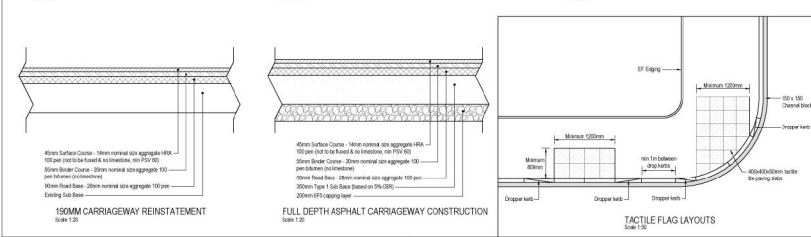
DATE VALID
 23/12/15



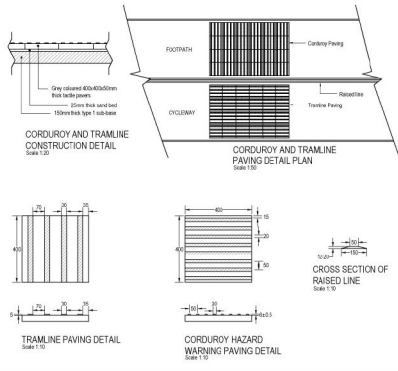
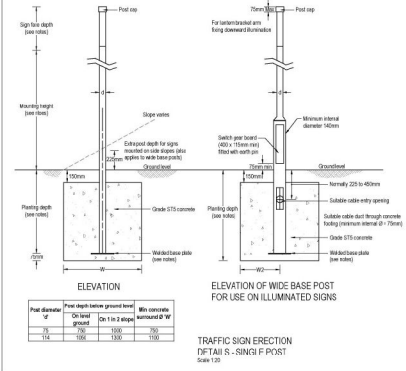
- Note**
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- Traffic Sign Direction Notes**
- Height & depth dimensions to be specified in Traffic Sign instructions.
 - Waterfall base plates shall be 225x225mm (Square) or 400x300mm (Rect) when required. Size specified in Traffic Sign instructions.
 - All posts to be approved post. Top of sign face level with top of base unless otherwise specified by the sign.
 - Care should be taken during excavation to avoid damage to services or other utilities. Sign posts will be installed in accordance with the instructions.
 - Posts to be erected vertically and upright to be a straight line with level. Posts that are not upright for three days after erection have been erected in error. Erection of sign posts should be inspected and approved by the contractor to be in the location of the surrounding roadway.
 - A clearance of at least 600mm between the sign face and the protruding edge of the sign shall be provided. Signs to be erected at an angle of 0° away from the kerb line to meet compliance.
 - Service door on illuminated signs shall be facing away from the carriageway where possible (see BS 5720:2009) unless otherwise specified in the sign instructions.



- Where a company's longitudinal gradient is flatter than 1 in 100, the sign should be erected on a raised platform.
- Where signs are erected on a raised platform, the kerb height should be 150mm and the platform should be 150mm wide.
- The concrete base should be constructed to BS 5720:2009.
- Clearance should be provided to allow a 2000 x 1500mm sign to be erected on the sign.
- Posts, channels and edging shall be hydraulically pressed concrete BS 5720:2009 and shall be installed in a straight line with level. Posts that are not upright for three days after erection have been erected in error. Erection of sign posts should be inspected and approved by the contractor to be in the location of the surrounding roadway.
- Edging shall be hydraulically pressed concrete BS 5720:2009 and shall be installed in a straight line with level. Edging that is not upright for three days after erection have been erected in error. Erection of sign posts should be inspected and approved by the contractor to be in the location of the surrounding roadway.



Post section		Concrete foundation		Post section		Post depth below ground	
Concrete diameter	Thickness	Length (mm)	Level	1 to 2 steps	Diameter (mm)	Standard depth (mm)	Post depth below ground (mm)
75	43	1000	400	1000	275	750	1000
114	43	1300	400	1300	275	750	1300
146	44	1600	400	1600	300	800	1600
188	44	1900	400	1900	325	850	1900
229	49	2200	400	2200	350	900	2200
279	53	2500	400	2500	375	950	2500

TRAFFIC SIGN ERECTION DETAILS - DOUBLE POST
 Scale 1:40

TRAFFIC SIGN ERECTION DETAILS - DOUBLE POST
 Scale 1:40

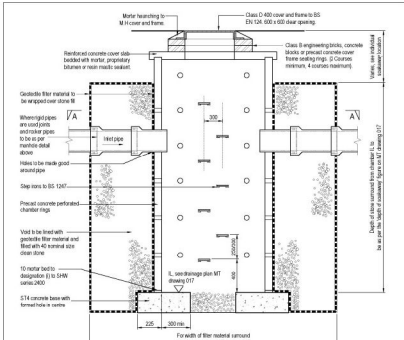
- Where a company's longitudinal gradient is flatter than 1 in 100, the sign should be erected on a raised platform.
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 - Edging shall be hydraulically pressed concrete BS 5720:2009 and shall be installed in a straight line with level. Edging that is not upright for three days after erection have been erected in error. Erection of sign posts should be inspected and approved by the contractor to be in the location of the surrounding roadway.
- DATE VALID 23/12/15**
- JN1125-NW-1013**

MTmorgan tuckey
 CONSULTING ENGINEERS

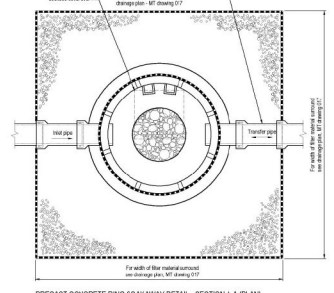
65 Northgate, Newark, Nottinghamshire, NG24 1HD
 Tel: 01636 610 700 Fax: 01636 610 706
 E-Mail: info@morgantuckey.co.uk
 www.morgantuckey.co.uk

Project: Development Off Broughton Road, North Yorkshires
 Highway Construction Details

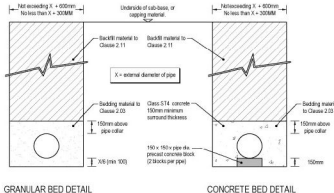
Scale: 1:20, 1:40, 1:10
 Date: 23/12/15
 Drawing No: JN1125-NW-1013



PRECAST CONCRETE RING SOAKAWAY DETAIL Scale 1:20

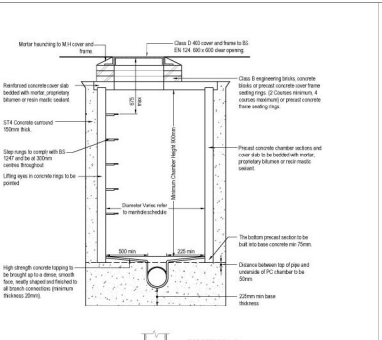


PRECAST CONCRETE RING SOAKAWAY DETAIL - SECTION A-A (PLAN) Scale 1:20

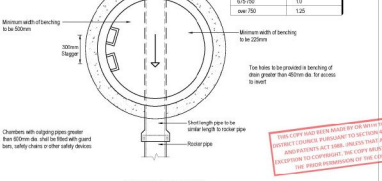


GRANULAR BED DETAIL Scale 1:20

CONCRETE BED DETAIL Scale 1:20

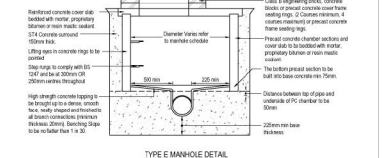


TYPE E MANHOLE DETAIL Scale 1:20

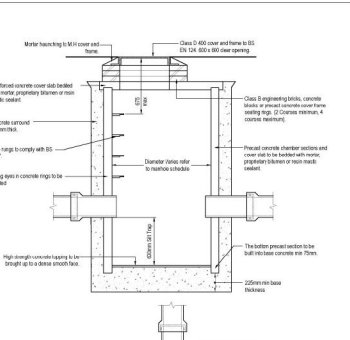


TYPE E MANHOLE DETAIL - SECTION A-A (PLAN) Scale 1:20

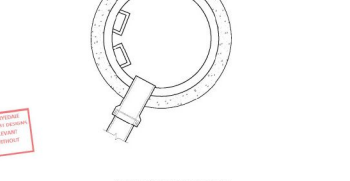
ROD PIPE ONLY - See Main Notes for rod pipe	ROD PIPE ONLY - See Main Notes for rod pipe
150mm dia	150mm dia
100mm dia	100mm dia
75mm dia	75mm dia
50mm dia	50mm dia



TYPE E MANHOLE DETAIL Scale 1:20



SLT TRAP DETAIL MANHOLE DETAIL Scale 1:20



CROSS SECTION THROUGH PCC ROAD GULLY Scale 1:20

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6. It is the contractor's responsibility to determine the location and depth of any existing services and to protect them.
7. All works to be in accordance with the British Standards Code of Practice for the installation of drainage systems and the relevant specifications and standards.
8. The contractor shall be responsible for the provision of all necessary materials and labour for the installation of the drainage system.
9. The contractor shall be responsible for the provision of all necessary materials and labour for the installation of the drainage system.
10. The contractor shall be responsible for the provision of all necessary materials and labour for the installation of the drainage system.

DATE VALID 2012/12/15

MTmorgan tuckor
CONSULTING ENGINEERS

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Tel: 01603 610100 Fax: 01603 610199
E-Mail: info@morgantuckor.co.uk
www.morgantuckor.co.uk

Project: Development of Drainage Plans
Location: Northampton

Author: Taylor Wintour

Checked: Development of Drainage Plans
Checked: Northampton

Scale: Drainage Details

Sheet: 1 of 1

File: J01125-NW-1014

Page: P1

